



Aluminum

Driving forces

The aluminum industry has an important role to play in the circular economy of the future. It can contribute to lower waste and energy savings in the products it produces, but company operations still have significant environmental impacts. Aluminum products can contribute to energy savings because aluminum is lightweight, and its recycling consumes significantly less energy than most other materials. However, producing aluminum continues to have a significant environmental impact due to the energy-intensive nature of processing, which often relies on fossil-fuel sourced energy. Opportunities lie in improving energy efficiency and cutting the significant energy costs involved in aluminum production, although climate regulation may reshape those costs in the future. The responsible management of air emissions, waste and wastewater discharge are also important for maintaining a license to operate with both environmental regulators and local communities. Consequently, having a forward-looking climate strategy is critical, as is the continued protection of employee health and safety.

Highlighted criteria & dimension weights

- Environmental Dimension..33%
 - Climate Strategy
 - Operational Eco-Efficiency
 - Biodiversity
- Social Dimension 33%
 - Human Rights
 - Occupational Health and Safety
 - Social Impacts on Communities
- Governance & Economic Dimension 34%
 - Codes of Business Conduct
 - Corporate Governance
 - Supply Chain Management

Industry Awards 2022

		S&P Global ESG Score
●	S&P Global Gold Class	
	Hindalco Industries Limited	India 73
●	S&P Global Bronze Class	
	Alcoa Corporation	United States 69

Industry Statistics

Number of companies assessed	16
Market capitalization of assessed companies (in USD billion)	105
Number of companies in Yearbook	2
Market capitalization of companies in Yearbook (in USD billion)	25.5